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## (54) DEVICE AND METHOD FOR RESTORING IMAGE

### (57)Abstract:

PURPOSE: To restore a degraded image by classifying blocked data into plural classes, obtaining class codes corresponding to the classification and outputting an image without degradation corresponding to this class code.

CONSTITUTION: A blocking circuit 2 divides an input image, which is supplied through an input terminal 1 and starts degradation, into plural blocks. A class code generating circuit 3 classifies the blocked data into the plural classes and outputs the class codes corresponding to the classification. A ROM table 4 outputs the image without degradation corresponding to the input image corresponding to the class code. In this case, the result of previously learning with the data, for which the image without degradation is divided into blocks, and the data classifying the image, for which the image with no degradation divided into blocks is degraded with a prescribed degradation function, into classes is stored in the ROM table 4 as a table corresponding to the class code.



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